

Sub
5
C1

What is claimed is:

1. A communications system comprising:
a server for providing information;
a terminal for communicating data with the server;
a communications network for connecting said server to said terminal; and
temporary line disconnection means for
10 disconnecting a line being used for data communications without issuing any disconnection notifications to an upper layer application of said terminal and said server when said terminal voice-communicates with a third party other than said server
15 through said communications network during the data communications with said server, and automatically connecting said server to said terminal when the voice communications terminate, wherein
a data communicating process is performed from
20 a status at a point immediately before starting the voice communications when said server and said terminal resume the data communications.
2. The communications system according to claim 1,
25 wherein

Sub H.
said terminal obtains a telephone number of the third party as information during the data communications.

5 3. The communications system according to claim 1, wherein

said server comprises a telephone switch ^{means}; and

10 said temporary line disconnection ^{unit} _{means} temporarily disconnects a line between said server and said terminal when said terminal issues a voice communications request to the third party, connecting said telephone switch ^{means} to telephones of the third party and said terminal, connecting two calls on a server side, thereby realizing voice communications between said terminal and the third party.

4. The communications system according to claim 3, wherein

20 said temporary line disconnection ^{means} provided on the server side temporarily disconnects the line between said terminal and said server when said terminal issues a request for voice communications with the third party to said server; and

25 said server, a telephone of said third party, and

Sub
5
said terminal enters a 3-point communications state based on a 3-point communications function of said telephone switch ^{unit} means, thereby realizing the voice communications between said terminal and said third party.

5. The communications system according to claim 1, wherein

10 said temporary line disconnection ^{unit} means provided on a terminal side temporarily disconnects the line when said terminal issues a request for voice communications with the third party to said server; and

15 said terminal issues a voice communications call to the third party, thereby realizing the voice communications between said terminal and said third party.

Sub
20
6. The communications system according to claim 1, further comprising:

at least one first means, provided on a server side for each user who receives a service of said server, for managing personal information and communications status of each user, wherein

25 said temporary line disconnection means provided

5

on a terminal side temporarily disconnects a line between said terminal and said server according to an instruction from said first means when said terminal issues a request for voice communications with the third party to said server;

said terminal issues a call through the voice communications to the third party, thereby realizing voice communications between said terminal and said third party.

10

7. The communications system according to claim 1, further comprising:

automatic data fetch means for automatically fetching data from said server to said terminal; and

15

storage means for storing data fetched by said automatic data fetch means, wherein

20

said automatic data fetch means preliminarily fetches data obtainable while no data are received and stores the data in said storage means during the data communications, and accesses said data storage means during the voice communications, thereby realizing virtual data communications during the voice communications.

25

8. The communications system according to claim 7,

B
H
B
B
B
Subj
CJ

further comprising:

~~a unit means for receiving said automatic data fetch unit means on a terminal side, wherein said automatic data fetch unit means is transmitted from a server side to the terminal side when the data communications start.~~

5

9. A communications method comprising the steps of:

(a) connecting a line from a server to a terminal for providing information for data communications with the server through a communications network; and

(b) disconnecting a line being used for data communications without issuing any disconnection notifications to an upper layer application of said terminal and said server when said terminal voice-communicates with a third party other than said server through said communications network during the data communications with said server, and automatically connecting said server to said terminal when the voice communications terminate, wherein

10

15

20

25

said upper layer applications perform a data communicating process from a status at a point immediately before starting the voice communications when the data communications are resumed.

10. The communications method according to claim 9,
further comprising the step of:

5 fetching a telephone number of the third party
as information by said terminal during the data
communications.

11. The communications method according to claim 9,
wherein

10 said step (b) is followed when said terminal
issues a voice communications request to the third
party, and, two calls are connected by a telephone
switch ^{unit} means provided on a server side, thereby
realizing voice communications between said terminal
and said third party.

15 12. The communications method according to claim 11,
wherein

20 said step (b) is followed on a server side when
said terminal issues to said server a request to
voice-communicate with the third party;

25 said server, a telephone of the third party, and
said terminal enter a 3-point communications state
based on a 3-point communications function of said
telephone switch ^{unit} means, thereby realizing voice
communications between said terminal and the third

party.

13. The communications method according to claim 9,
wherein

5 said step (b) is followed on a terminal side when
said terminal issues to said server a request to
voice-communicate with the third party;
 said terminal issues a call through the voice
communications to the third party, thereby realizing
10 voice communications between said terminal and the
third party.

14. The communications method according to claim 9,
further comprising the step of:

15 (c) managing personal information and
communications status on a server side for each user
who receives a service from said server, wherein
 said terminal issues a call to the third party
through the voice communications by following said
20 step (b) based on communications state management in
said step (c), thereby establishing voice
communications between said terminal and said third
party.

25 15. The communications method according to claim 9,

Salt
Ac

further comprising the steps of:

(d) automatically fetching data from said server;
and

5 (e) storing data fetched at step (d), wherein
said steps (d) and (e) are followed when no data
are received on a terminal side during the data
communications between said terminal and said server;
and

10 said data stored in said step (e) is accessed
during the voice communications, thereby establishing
virtual data communications during the voice
communications.

add E17

*ADD
GS*